OCT 2 0 2006

10593899 - GAU: 1712

IFW

Docket No.: 11878-00005-US2

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Michael J. Hollins et al.

Application No.: 10/593,899 Confirmation No.: 4737

Filed: September 22, 2006 Art Unit: 1762

For: METHODS FOR EXTRACTING TITANIUM

METAL AND USEFUL ALLOYS FROM

TITANIUM OXIDES

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed within three months of the U.S. filing date (37 CFR 1.97(b)(1)).

A copy of only those references listed below is attached:

Other Documents

"Summary of Emerging Titanium Technologies", published by EHK Technologies in November 2003 for the U.S. Department of Energy and Oak Ridge National Laboratory under Contract No. DE-AC05-00OR22725, subcontract number 4000023694

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Receipt date: 10/20/2006 10593899 - GAU: 1712

Application No.: 10/593,899 Docket No.: 11878-00005-US2

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 22-0185, under Order No. 11878-00005-US2. A duplicate copy of this paper is enclosed.

Dated: October 20, 2006

Respectfully submitted,

Myron Keith Wyche

Registration No.: 47,341

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PTO/SB/08A/B (09-06)
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| | | | | Application Number | 10/593,899 - Conf. No.: 4737 | |
| IN | IFORMATI | ON DISC | CLOSURE | Filing Date | September 22, 2006 | |
| STATEMENT BY APPLICANT | | | | First Named Inventor | Michael J. Hollins | |
| | | | | Art Unit | 4737 | |
| | (Use as many she ets as necess ary) | | | Examiner Name | Not Yet Assigned | |
| Sheet | 1 | of | 1 | Attomey Docket Number | 11878-00005-US2 | |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|--------------|--|--------------------------------|--|---|--|
| Examiner Initials* | Cite No.1 | Document Number Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | |
| | AA* | US-5,429,175 | 07/1995 | Thieman et al. | | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|--------------|--|-------------------------------------|--|---|----|
| Examiner Initials* | Cite No.1 | Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | Publication Date . MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | 76 |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance end not considered. Include copy of this form with next communication to epplicant. *CITE NO.: Those epplication(s) which are marked with en single estensk (*) next to the Cite No. ere not supplied (under 37 CFR 1.98(a)(2)(iii)) because that epplication was filed after June 30, 2003 or is evailable in the IFW. ¹ Applicant's unique citation designation number (optional). ³ See Kinds Codes of USPTO Patent Documents et www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (MPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the eppropriate symbols es indicated on the document under WIPO Stendard ST.16 if possible. ⁶ Applicent is to place e check mark here if English language Translation is ettached.

| | NON PATENT LITERATURE DOCUMENTS | | | | | | |
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| Examiner Cite Initials No. | | include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | | | |
| | CA | "Summary of Emerging Titanium Technologies", published by EHK Technologies in November 2003 for the U.S. Department of Energy and Oak Ridge National Laboratory under Contract No. DE-AC05-00OR22725, subcontract number 4000023694 | | | | | |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| Examiner Signature | /Robert Vetere/ (06/14/2011) | Date Considered | |
|-----------------------|------------------------------|--------------------|--|
| | | | |

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.